STM - Structure Search
5-19-04

Inventor

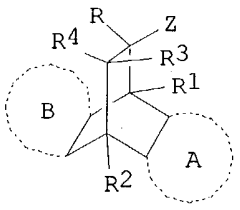
=> d ibib abs hitstr 1-10

L5 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:80450 CAPLUS
DOCUMENT NUMBER: 140:145835
TITLE: Preparation of dibenzofused bicyclo[2.2.2]octane-derived amides as modulators of the glucocorticoid receptor
INVENTOR(S): Vaccaro, Wayne; Yang, Bingwei Vera; Kim, Soong-hoon; Huynh, Tram; Tortolani, David R.; Leavitt, Kenneth J.; Li, Wenying; Doweyko, Arthur M.; Chen, Xiao-tao; Doweyko, Lidia
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA; et al.
SOURCE: PCT Int. Appl., 265 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

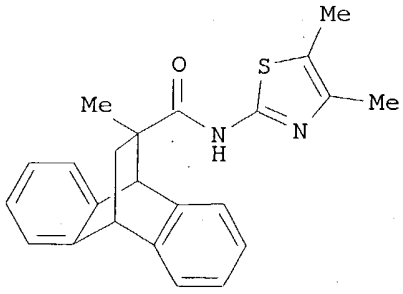
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004009017	A2	20040129	WO 2003-US22300	20030717

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2002-396877P P 20020718
OTHER SOURCE(S): MARPAT 140:145835
GI



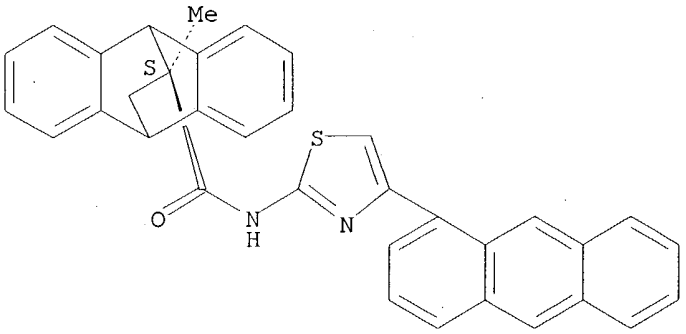
I



II

AB Title compds. I [R-R4 = H, alk(en/yn)yl, alkoxy, aryl, etc.; Z = carboxamido, alkylamino, etc.] are prepared For instance, 2-amino-4,5-dimethylthiazole is coupled to the acid derived from the cycloaddn. of methacrylic acid and anthracene (CH3CN, EDCI, Et3N, HOAt, 18 h) to give II. I are glucocorticoid receptor modulators which are useful in treating diseases requiring glucocorticoid receptor agonist or antagonist therapy such as obesity, diabetes, inflammatory and immune disorders.

IT **312317-98-9P 650625-43-7P 650625-55-1P**



L5 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:80449 CAPLUS
DOCUMENT NUMBER: 140:157927
TITLE: Homology modeling of nuclear hormone receptor Site II and design of Site II ligands
INVENTOR(S): Doweyko, Arthur; Nadler, Steven G.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 276 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004009016	A2	20040129	WO 2003-US22299	20030717

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

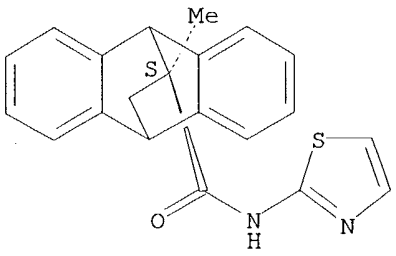
PRIORITY APPLN. INFO.: US 2002-396907P P 20020718

Same priority date

AB A binding site in nuclear hormone receptors is described ~~and its~~ structural coordinates are provided. The invention provides machine-readable data storage media comprising structure coordinates of Site II and computer systems comprising the machine-readable data storage media. The invention provides methods used in the design and identification of ligands of Site II and of modulators of nuclear hormone receptors. The invention provides ligands of Site II, modulators of NHRs, pharmaceutical compns. comprising modulators of NHRs, methods of modulating NHRs, and methods of treating diseases by administering modulators of an NHR. Also provided are methods of designing mutants, mutant NHRs, Site II binding assays, and models of Site II.

IT **312317-98-9P 650625-43-7P 650625-47-1P**
650625-55-1P 650625-58-4P 650625-60-8P
650625-62-0P 650625-64-2P 650625-67-5P
650625-68-6P 650625-70-0P 650625-72-2P
650625-74-4P 650625-75-5P 650625-76-6P

Absolute stereochemistry.



L5 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:501478 CAPLUS
DOCUMENT NUMBER: 137:229148
TITLE: In vitro increase in chloroquine accumulation induced by dihydroethano- and ethenoanthracene derivatives in Plasmodium falciparum-parasitized erythrocytes
AUTHOR(S): Pradines, Bruno; Alibert, Sandrine; Houdoin, Carole; Santelli-Rouvier, Christiane; Mosnier, Joel; Fusai, Thierry; Rogier, Christophe; Barbe, Jacques; Parzy, Daniel
CORPORATE SOURCE: Unite de Parasitologie, Institut de Medecine Tropicale du Service de Sante des Armees, Institut Federatif de la Recherche 48, Marseille, 13998, Fr.
SOURCE: Antimicrobial Agents and Chemotherapy (2002), 46(7), 2061-2068
CODEN: AMACCQ; ISSN: 0066-4804
PUBLISHER: American Society for Microbiology
DOCUMENT TYPE: Journal
LANGUAGE: English

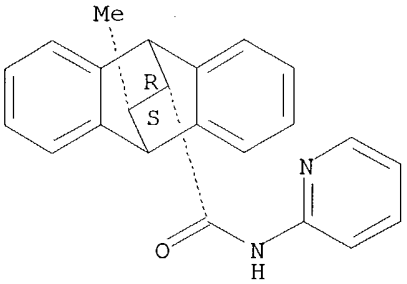
AB The effects of a series of dihydroethano- and ethenoanthracene derivs. on chloroquine (CQ) accumulation in CQ-susceptible strain 3D7 and CQ-resistant clone W2 were assessed. The levels of CQ accumulation increased little or none in CQ-susceptible strain 3D7 and generally increased markedly in CQ-resistant strain W2. At 10 μM, 28 compds. yielded cellular accumulation ratios (CARs) greater than that observed with CQ alone in W2. At 10 μM, in strain W2, 21 of 31 compds. had CQ CARs two or more times higher than that of CQ alone, 15 of 31 compds. had CQ CARs three or more times higher than that of CQ alone, 13 of 31 compds. had CQ CARs four or more times higher than that of CQ alone, and 9 of 31 compds. had CQ CARs five or more times higher than that of CQ alone. At 1 μM, 17 of 31 compds. had CQ CARs two or more times higher than that of CQ alone, 12 of 31 compds. had CQ CARs three or more times higher than that of CQ alone, 6 of 31 compds. had CQ CARs four or more times higher than that of CQ alone, and 3 of 31 compds. had CQ CARs five or more times higher than that of CQ alone. At 1 μM, 17 of 31 compds. were more potent inducers of CQ accumulation than verapamil and 12 of 31 compds. were more potent inducers of CQ accumulation than promethazine. The nature of the basic group seems to be associated with increases in the levels of CQ accumulation. At 1 and 10 μM, 10 of 14 and 13 of 14 compds. with amino group (amines and diamines), resp., had CARs ≥3, while at 1 and 10 μM, only 1 of the 13 derivs. with amido groups had CARs ≥3. Among 12 of the 31 compds. which were more active inducers of CQ accumulation than promethazine at 1 μM, 10 had amino groups and 1 had an amido group.

IT **448958-12-1**, BG 1050 **448958-13-2**, BG 1051
448958-14-3, BG 1049

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(in vitro increase in chloroquine accumulation induced by
dihydroethano- and ethenoanthracene derivs. in Plasmodium
falciparum-parasitized erythrocytes)

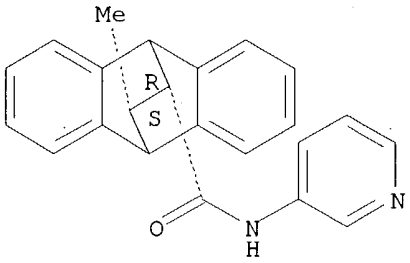
RN 448958-12-1 CAPLUS
CN 9,10-Ethanoanthracene-11-carboxamide, 9,10-dihydro-12-methyl-N-2-pyridinyl-, (11R,12S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



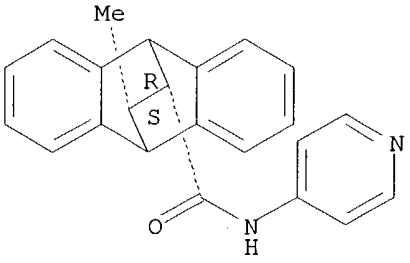
RN 448958-13-2 CAPLUS
CN 9,10-Ethanoanthracene-11-carboxamide, 9,10-dihydro-12-methyl-N-3-pyridinyl-, (11R,12S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 448958-14-3 CAPLUS
CN 9,10-Ethanoanthracene-11-carboxamide, 9,10-dihydro-12-methyl-N-4-pyridinyl-, (11R,12S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:462893 CAPLUS

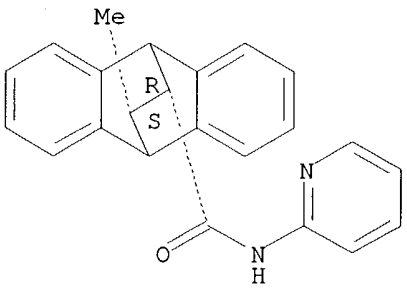
DOCUMENT NUMBER: 137:185297
TITLE: Synthesis and Effects on Chloroquine Susceptibility in Plasmodium falciparum of a Series of New Dihydroanthracene Derivatives
AUTHOR(S): Alibert, Sandrine; Santelli-Rouvier, Christiane; Pradines, Bruno; Houdoin, Carole; Parzy, Daniel; Karolak-Wojciechowska, Janina; Barbe, Jacques
CORPORATE SOURCE: GERCTOP-UMR CNRS 6009, Faculte de Pharmacie, Universite de la Mediterranee, Marseille, 13385, Fr.
SOURCE: Journal of Medicinal Chemistry (2002), 45(15), 3195-3209
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 137:185297

AB To suggest a mechanism of action for drugs capable of reversing the chloroquine resistance in Plasmodium falciparum, a new set of 9,10-dihydro-9,10-ethano- and -ethenoanthracene derivs. was synthesized and tested to assess their effect on chloroquine susceptibility in resistant strains of Plasmodium falciparum. With respect to this, reversal of resistance and change in drug accumulation were compared. Structure-activity relationship and mol. modeling studies made it possible to define a pharmacophore moiety for reversal agents and to propose a putative model of interaction with some selected amino acids.

IT **448958-12-1P 448958-13-2P 448958-14-3P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and effects on chloroquine susceptibility in Plasmodium falciparum of a series of ethano- and ethenodihydroanthracenes)

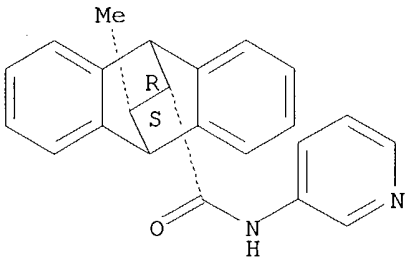
RN 448958-12-1 CAPLUS
CN 9,10-Ethanoanthracene-11-carboxamide, 9,10-dihydro-12-methyl-N-2-pyridinyl-, (11R,12S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



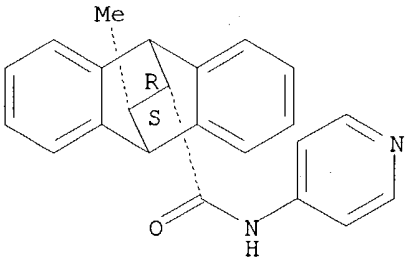
RN 448958-13-2 CAPLUS
CN 9,10-Ethanoanthracene-11-carboxamide, 9,10-dihydro-12-methyl-N-3-pyridinyl-, (11R,12S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 448958-14-3 CAPLUS
CN 9,10-Ethanoanthracene-11-carboxamide, 9,10-dihydro-12-methyl-N-4-pyridinyl-, (11R,12S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1999:220218 CAPLUS
DOCUMENT NUMBER: 130:237374
TITLE: New tetracyclo[6.6.2.02,7.09,14]hexadeca-2(7),3,5,9(14),10,12]hexaenes as phospholipase inhibitors
INVENTOR(S): Friebe, Walter-Gunar; Tibes, Ulrich; Scheuer, Werner
PATENT ASSIGNEE(S): Roche Diagnostics G.m.b.H., Germany
SOURCE: Ger. Offen., 10 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19742014	A1	19990325	DE 1997-19742014	19970924
ZA 9808711	A	20000323	ZA 1998-8711	19980923
CA 2304879	AA	19990401	CA 1998-2304879	19980924
WO 9915493	A1	19990401	WO 1998-EP6096	19980924

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9897466	A1	19990412	AU 1998-97466	19980924
BR 9813217	A	20000829	BR 1998-13217	19980924
EP 1034162	A1	20000913	EP 1998-951464	19980924
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
TR 200001222	T2	20000921	TR 2000-20000122219980924	
JP 2002505999	T2	20020226	JP 2000-512804	19980924

PRIORITY APPLN. INFO.: DE 1997-19742014 A 19970924
WO 1998-EP6096 W 19980924

OTHER SOURCE(S): MARPAT 130:237374

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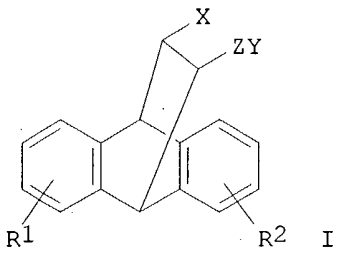


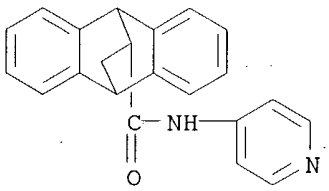
I

AB Title compds. I [R1, R2 = H, halogen; X = H, Y = (un)substituted NH2, N+H2Me; XY = (un)substituted CH2NH; Z = CH2, C:NH] were prepared for use as phospholipase inhibitors (no data). Thus, I [R1, R2, X = H, Y = NH2.HCl, Z = CH2] was treated with KOCN to give I [R1, R2, X = H, Y = NHCONH2, Z = CH2].

IT **221352-72-3P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of tetracyclohexadecahexaenes as phospholipase inhibitors)

RN 221352-72-3 CAPLUS

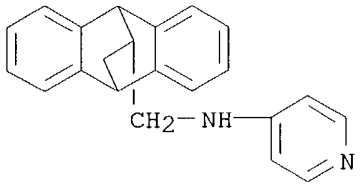
CN 9,10-Ethanoanthracene-11-carboxamide, 9,10-dihydro-N-4-pyridinyl- (9CI) (CA INDEX NAME)



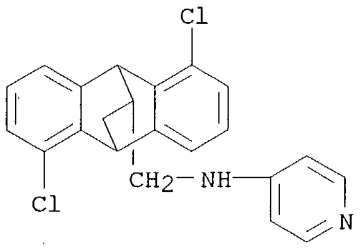
IT **221352-19-8P 221352-21-2P 221352-47-2P**
221352-50-7P 221352-54-1P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of tetracyclohexadecahexaenes as phospholipase inhibitors)

RN 221352-19-8 CAPLUS

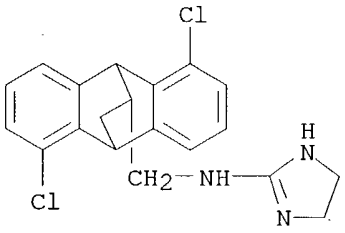
CN 4-Pyridinamine, N-[(9,10-dihydro-9,10-ethanoanthracen-11-yl)methyl]- (9CI) (CA INDEX NAME)



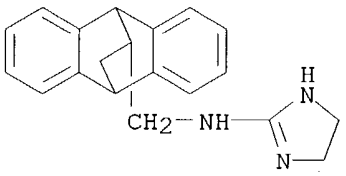
RN 221352-21-2 CAPLUS
CN 4-Pyridinamine, N-[(1,5-dichloro-9,10-dihydro-9,10-ethanoanthracen-11-yl)methyl]- (9CI) (CA INDEX NAME)



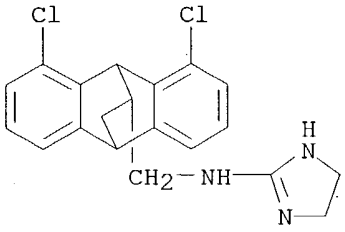
RN 221352-47-2 CAPLUS
CN 1H-Imidazol-2-amine, N-[(1,5-dichloro-9,10-dihydro-9,10-ethanoanthracen-11-yl)methyl]-4,5-dihydro- (9CI) (CA INDEX NAME)



RN 221352-50-7 CAPLUS
CN 1H-Imidazol-2-amine, N-[(9,10-dihydro-9,10-ethanoanthracen-11-yl)methyl]-4,5-dihydro- (9CI) (CA INDEX NAME)



RN 221352-54-1 CAPLUS
CN 1H-Imidazol-2-amine, N-[(4,5-dichloro-9,10-dihydro-9,10-ethanoanthracen-11-yl)methyl]-4,5-dihydro-, monohydrobromide (9CI) (CA INDEX NAME)



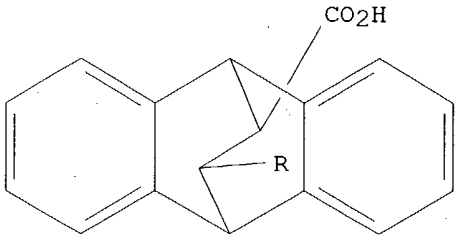
● HBr

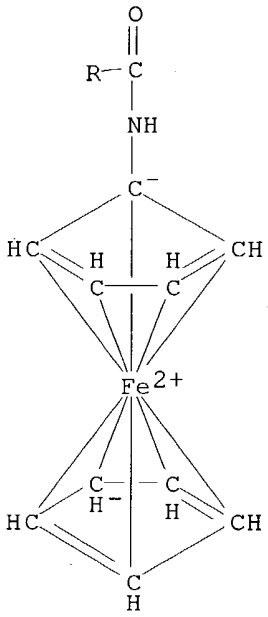
L5 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1995:457943 CAPLUS
DOCUMENT NUMBER: 123:199069
TITLE: Infrared spectra of N-ferrocenylamic acids
AUTHOR(S): Yang, Bingqin; Ma Huairang; Chen Zhibin
CORPORATE SOURCE: Department of Chemistry, Northwest University, Xian, 710069, Peop. Rep. China
SOURCE: Guangpuxue Yu Guangpu Fenxi (1995), 15(1), 53-6
CODEN: GYGFED; ISSN: 1000-0593
PUBLISHER: Beijing Daxue Chubanshe
DOCUMENT TYPE: Journal
LANGUAGE: Chinese

AB The IR spectra of seven N-ferrocenylamic acids are reported. The effect of intramol. hydrogen bonds was discussed and the absorption characteristics of some structural isomers were reported. In addition, the mol. structures of some interconversion isomers were proven by IR.

IT **146083-59-2**
RL: PRP (Properties)
(IR spectra of N-ferrocenylamic acids)
RN 146083-59-2 CAPLUS
CN Ferrocene, [[(12-carboxy-9,10-dihydro-9,10-ethanoanthracen-11-yl)carbonyl]amino]-, cis- (9CI) (CA INDEX NAME)

PAGE 1-A





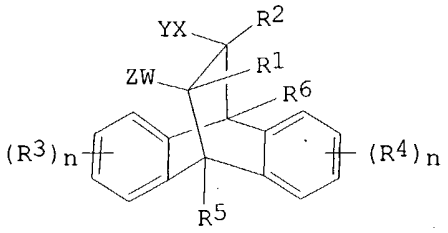
L5 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1994:244394 CAPLUS
DOCUMENT NUMBER: 120:244394
TITLE: Dibenzo-fused derivatives of bicyclo[2.2.2]octane as cholecystokinin inhibitors
INVENTOR(S): Kalindjian, Sarkis Barret; Low, Caroline Minli Rachel; Mcdonald, Iain Mair; Hull, Robert Antony David; Shankley, Nigel Paul; Buck, Ildiko Maria; Steel, Katherine Isobel Mary; Davies, Jonathan Michael Richar; Dunstone, David John; et al.
PATENT ASSIGNEE(S): James Black Foundation Ltd., UK
SOURCE: PCT Int. Appl., 159 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9316982	A1	19930902	WO 1993-GB346	19930219
W: AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
AU 9335097	A1	19930913	AU 1993-35097	19930219
ZA 9301193	A	19940819	ZA 1993-1193	19930219
EP 626942	A1	19941207	EP 1993-904230	19930219
EP 626942	B1	19970423		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 07504184	T2	19950511	JP 1993-514633	19930219
HU 71499	A2	19951128	HU 1994-2280	19930219
AT 152095	E	19970515	AT 1993-904230	19930219

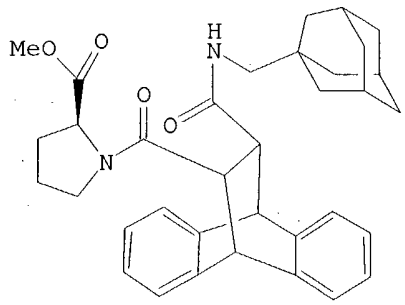
US 5514683	A	19960507	US 1994-288185		19940809
NO 9403055	A	19941011	NO 1994-3055		19940818
FI 9403817	A	19940819	FI 1994-3817		19940819
PRIORITY APPLN. INFO.:			GB 1992-3608	A	19920220
			GB 1992-13093	A	19920619
			GB 1992-24629	A	19921124
			WO 1993-GB346	A	19930219
			GB 1993-16722	A	19930812

OTHER SOURCE(S): MARPAT 120:244394

GI



I



II

AB Title compds. I [W = CO, SO, SO2; X = CO, SO, SO2, COCH2 (with CO end bound to Y), provided that ≥1 of W and X contains CO; Y = certain (un)substituted OH or NH2 groups; Z = different (un)substituted OH or NH2 groups; R1 = H, Me, halo, (amidated or esterified) CO2H or CH2CO2H; R2 = groups for R1, or COZ' (Z' = Z) when Z is absent and W = H; or R1R2 = pi bond; R3, R4 = halo, amino, NO2, cyano, SO2NH2, alkyl, alkoxy, (amidated or esterified) CO2H; R5, R6 = H, R3; m, n = 0-4, provided that both are ≤ 2 unless R3 or R4, resp., are exclusively halo] were prepared as ligands binding at cholecystokinin (CCK) and gastrin receptors. Thus, 2,3,5,6-dibenzobicyclo[2.2.2]octane-7,8-dicarboxylic acid anhydride reacted with 1-adamantanemethylamine, the resultant acid-amide was condensed with H-L-Pro-OCH2Ph.HCl using PyBOP, and the benzyl ester function was hydrogenolyzed and reesterified with diazomethane to give title compound cis-II as a mixture of 2 diastereomers which were separated by repeated crystallization These isomers bound to CCKB receptors (mouse cortical membrane) with pKi = 5.8 and 7.3. Included are 238 synthetic examples, 1H NMR data for all final products (free bases or N-methyl-D-glucamine salts), and receptor-binding results (CCKA, CCKB, and gastrin) for most I.

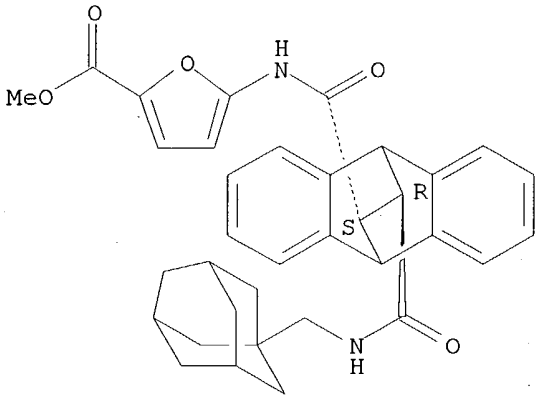
IT **153459-03-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as CCK and gastrin antagonist)

RN 153459-03-1 CAPLUS

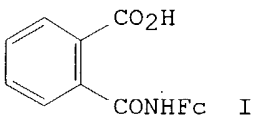
CN 2-Furancarboxylic acid, 5-[[[9,10-dihydro-12-[[(tricyclo[3.3.1.13,7]dec-1-ylmethyl)amino]carbonyl]-9,10-ethanoanthracen-11-yl]carbonyl]amino]-,

methyl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L5 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1993:102173 CAPLUS
DOCUMENT NUMBER: 118:102173
TITLE: Synthesis and reaction of N-ferrocenylamic acid
AUTHOR(S): Ma, Huairang; Chen, Zhibing; Yang, Bingqin; Li, Jinsong
CORPORATE SOURCE: Dep. Chem., Northwest Univ., Xian, 710069, Peop. Rep. China
SOURCE: Gaodeng Xuexiao Huaxue Xuebao (1992), 13(5), 633-5
CODEN: KTHPDM; ISSN: 0251-0790
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
GI



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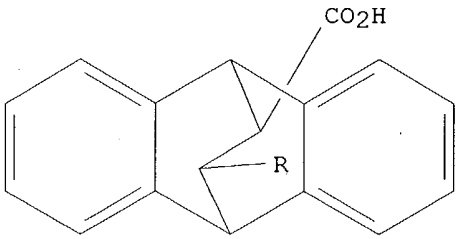
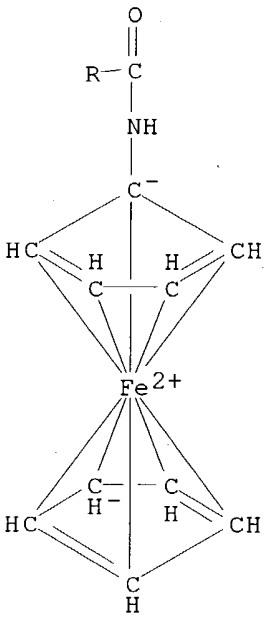
AB Seven N-ferrocenylamic acids have been synthesized and characterized by elemental anal., IR and 1H NMR. The investigation on the chelation of acid I (Fc = ferrocenyl) with Cu2+ and Zn2+ ions demonstrates the coordination of the oxygen atom on the amide group to the metallic ion.

IT **146083-59-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 146083-59-2 CAPLUS
CN Ferrocene, [[(12-carboxy-9,10-dihydro-9,10-ethanoanthracen-11-yl)carbonyl]amino]-, cis- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



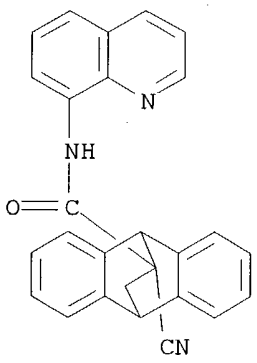
L5 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1989:149699 CAPLUS
DOCUMENT NUMBER: 110:149699
TITLE: Solid precursors, methods, and apparatus for development of latent fingerprints with cyanoacrylates
INVENTOR(S): Warrener, Ronald Norman; Yong, Siaw Jan
PATENT ASSIGNEE(S): Australian National University, Australia
SOURCE: PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8801616	A1	19880310	WO 1987-AU286	19870825
W: AU, JP, US				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				

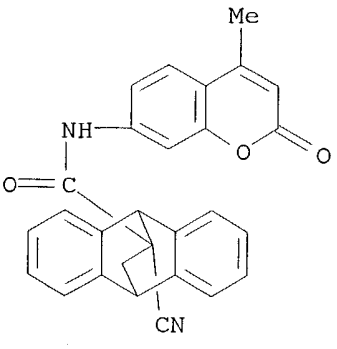
AU 8779188 A1 19880324 AU 1987-79188 19870825
PRIORITY APPLN. INFO.: AU 1986-7669 19860825
WO 1987-AU286 19870825

AB Solid precursors of cyanoacrylate monomers, such as Diels-Alder adducts, homopolymers, or cyclic or acyclic precursors, may be used in a method for the development of a latent fingerprint on a surface by exposure of the surface to cyanoacrylate monomer generated from a solid precursor to form a cyanoacrylate-developed print. Preferably, the solid precursor includes colored or fluorescent substituent groups. An apparatus for use in the cyanoacrylate development of latent fingerprints is diclosed also. A mixture of anthracene, Super Glue, hydroquinone, and dry benzene was refluxed at 90° for 12 h. The anthracene/Et 2-cyanoacrylate adduct was treated with NaOH to make anthracene/2-cyanoacrylic acid adduct (m. 206-209°) in 99.7% yield.

IT **119858-97-8**
RL: PRP (Properties)
(NMR of)
RN 119858-97-8 CAPLUS
CN 9,10-Ethanoanthracene-11-carboxamide, 11-cyano-9,10-dihydro-N-8-quinolinyl- (9CI) (CA INDEX NAME)

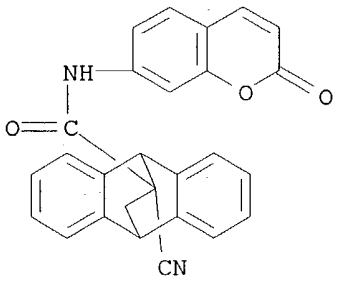


IT **119859-04-0 119859-05-1**
RL: BIOL (Biological study)
(as solid precursor for cyanoacrylate development of latent fingerprints)
RN 119859-04-0 CAPLUS
CN 9,10-Ethanoanthracene-11-carboxamide, 11-cyano-9,10-dihydro-N-(4-methyl-2-oxo-2H-1-benzopyran-7-yl)- (9CI) (CA INDEX NAME)



RN 119859-05-1 CAPLUS

CN 9,10-Ethanoanthracene-11-carboxamide, 11-cyano-9,10-dihydro-N-(2-oxo-2H-1-benzopyran-7-yl)- (9CI) (CA INDEX NAME)

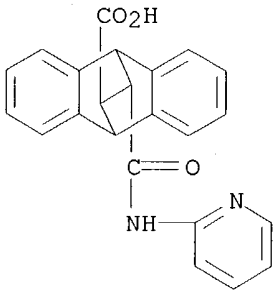


L5 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1979:120619 CAPLUS
DOCUMENT NUMBER: 90:120619
TITLE: Reactions of aminopyridines with some inner anhydrides
AUTHOR(S): El-Zanfally, S.; El-Basil, S.
CORPORATE SOURCE: Org. Chem. Dep., Fac. Pharm., Cairo, Egypt
SOURCE: Egyptian Journal of Pharmaceutical Sciences (1978), Volume Date 1976, 17(1), 53-62
CODEN: EJPSBZ; ISSN: 0301-5068
DOCUMENT TYPE: Journal
LANGUAGE: English

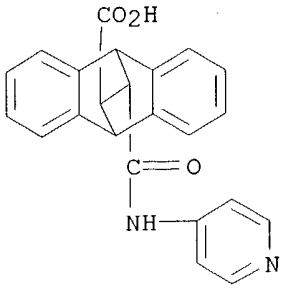
AB Reaction of 3-aminopyridine inner anhydrides, e.g., succinic or maleic anhydride, gives amic acids. In the case of 2- and 4-aminopyridines, the products obtained were amic acids or cyclized products (succinimide derivs.). With maleic anhydride, both 2- and 4-aminopyridines form a charge-transfer complex. Phenylsuccinic anhydride behaves as a C acid with 4- but not with 2-aminopyridine.

IT **69537-47-9P 69537-51-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 69537-47-9 CAPLUS
CN 9,10-Ethanoanthracene-11-carboxylic acid, 9,10-dihydro-12-[(2-pyridinylamino)carbonyl]-, cis- (9CI) (CA INDEX NAME)



RN 69537-51-5 CAPLUS
CN 9,10-Ethanoanthracene-11-carboxylic acid, 9,10-dihydro-12-[(4-pyridinylamino)carbonyl]-, cis- (9CI) (CA INDEX NAME)



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L3 588 S L1 FULL

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L4 2 S L3/THU
L5 10 S L3

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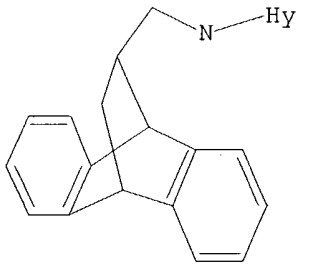
L1 STR



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